

I claim:

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1. A carpet assembly with shock absorbing properties comprising;
a mat of closed cell foam composition having shock damping properties and having a top side and a bottom side and a thickness of not less than substantially 5/8 inch and perimeter edges connecting said top side and said bottom side;
a layer of adhesive covering the top side of the mat; and
a layer of carpet having a top side and a bottom side, the bottom side of the carpet being fastened in contact with the adhesive for adherence thereto.
 2. A carpet mat assembly according to claim 1, wherein the mat has an edge of closed cell foam forming least one perimeter edge of the carpet mat.
 3. A carpet mat assembly according to claim 2, wherein the edge of closed cell foam is removably attached to the mat.
 4. A carpet mat assembly according to claim 1, wherein the assembly comprises like portable sections removably secured contiguously together.
 5. A carpet mat assembly according to claim 1, wherein the mat is not less than substantially 1 1/8 inch thick.
 6. A carpet mat assembly according to claim 1, wherein the mat is not less than substantially 1 1/2 inch thick.
 7. A carpet mat assembly according to claim 1, wherein the mat has impact attenuation in compliance with ASTM F-1292-99 for a fall of 24 inches.
 98. A carpet mat assembly according to claim 1, wherein the mat has impact attenuation in compliance with ASTM F-1292-99 for a fall of 48 inches.
 9. A carpet mat assembly according to claim 1, wherein the mat has impact attenuation in compliance with ASTM F-1292-99 for a fall of 72 inches.

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10. A carpet mat assembly according to claim 2, wherein the edge of closed cell foam has a decreasing thickness, the width of the decreasing thickness is 1 to 12 times the thickness of the mat.

11. A carpet mat assembly according to claim 10, wherein the edge of closed cell foam has a decreasing thickness, the width of the decreasing thickness is 4 to 5 times the thickness of the mat.

12. A carpet assembly with shock absorbing properties comprising;

a mat of closed cell foam composition having shock damping properties and having a top side and a bottom side and a thickness not less than substantially 5/8 inch thickness and perimeter edges connecting said top side and said bottom side;

a layer of adhesive covering the top side of the mat,

a layer of carpet having a top side and a bottom side, the bottom side of the carpet being fastened in contact with the adhesive for adherence thereto, and

an edge of closed cell foam forming least one perimeter edge of the carpet mat.

13. A carpet mat assembly according to claim 12, wherein the edge molding is removably attached to at least one perimeter edge of the carpet mat.

14. A carpet mat assembly according to claim 13, wherein the edge molding is attached to at least one perimeter edge of the carpet mat assembly with an adhesive.

15. A carpet mat assembly according to claim 12, wherein an element of a hook and loop fastener is affixed to at least one perimeter edge of each individual assembly for detachably attaching multiple sections of the carpet mat assembly into a unit.

16. A carpet assembly with shock absorbing properties comprising:

a mat of closed cell foam composition having shock damping properties and having a top side and a bottom side and predetermined thickness and perimeter edges connecting said top side and said bottom side;

a layer of adhesive covering the top side of the mat;

a layer of carpet having a top side and a bottom side;

the carpet having a coat of polyurethane on the bottom side, then a woven material applied to the coat of polyurethane; and

the bottom side of the carpet being attached to the mat with the layer of adhesive.

17. A carpet assembly comprising:

a mat having a top side and a bottom side and perimeter edges connecting said top side and said bottom side;

a layer of adhesive covering the top side of the mat; and

a layer of carpet having a top side and a bottom side, the bottom side of the carpet being attached to the mat by the layer of adhesive;

a hook member and a loop member forming a hook and loop detachable connection wherein one of the members is attached to the bottom side of the mat on at least one of the perimeter edges and the other member is attachable to a floor to form a detachable connection of the carpet assembly to a floor.

18. The carpet assembly according to claim 17 wherein the hook member is attached to the mat.

19. The carpet assembly according to claim 17 wherein the hook and pile fastener members have pressure sensitive adhesive for attachment of the members.

20. The carpet assembly according to claim 17 wherein the pile fastener member has pressure sensitive adhesive for attachment of the member.